UNITED STATES PATENT APPLICATION

ENTITLED

DESIGNS FOR WIDE BAND ANTENNAS WITH PARASITIC ELEMENTS AND
A METHOD TO OPTIMIZE THEIR DESIGN USING A GENETIC
ALGORITHM AND FAST INTEGRAL EQUATION TECHNIQUE

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CHALMERS BUTLER

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Application No. 09/894,870
Amendment dated September 2, 2005
Reply to Notice of Non-Responsive Amendment dated August 2, 2005

Amendments to the Specification:

In accordance with 37 C.F.R. §§1.121(b) and 1.125, and in response to objections to the previously submitted specification, please replace Pages 1 to 186 of the original specification with the substitute specification appearing on Pages 1 to 44 following this page. As also required, a copy of the previous specification submitted with markings showing all the changes relative to the immediate prior version of the specification is provided as Appendix A. The substitute specification now submitted does not add any new matter to the subject application.

The previously submitted specification included a computer program listing consisting of more than ten (10) pages. Such program listing has been removed from the specification of the subject application and was submitted with the previous Amendment on compact disc in accordance with 37 C.F.R. §§1.52(e) and 1.196(c). Two compact discs respectively labeled "Copy 1" and "Copy 2" were submitted and both include a 126 KB file named "CXU-339 Genetic Algorithm", created on 4/08/2005 and comprising 96 pages. The machine format for the submitted compact discs is IBM-PC and the operating system capability is MS-Windows. The two submitted compact discs are identical and do not add any new matter to the subject application.

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